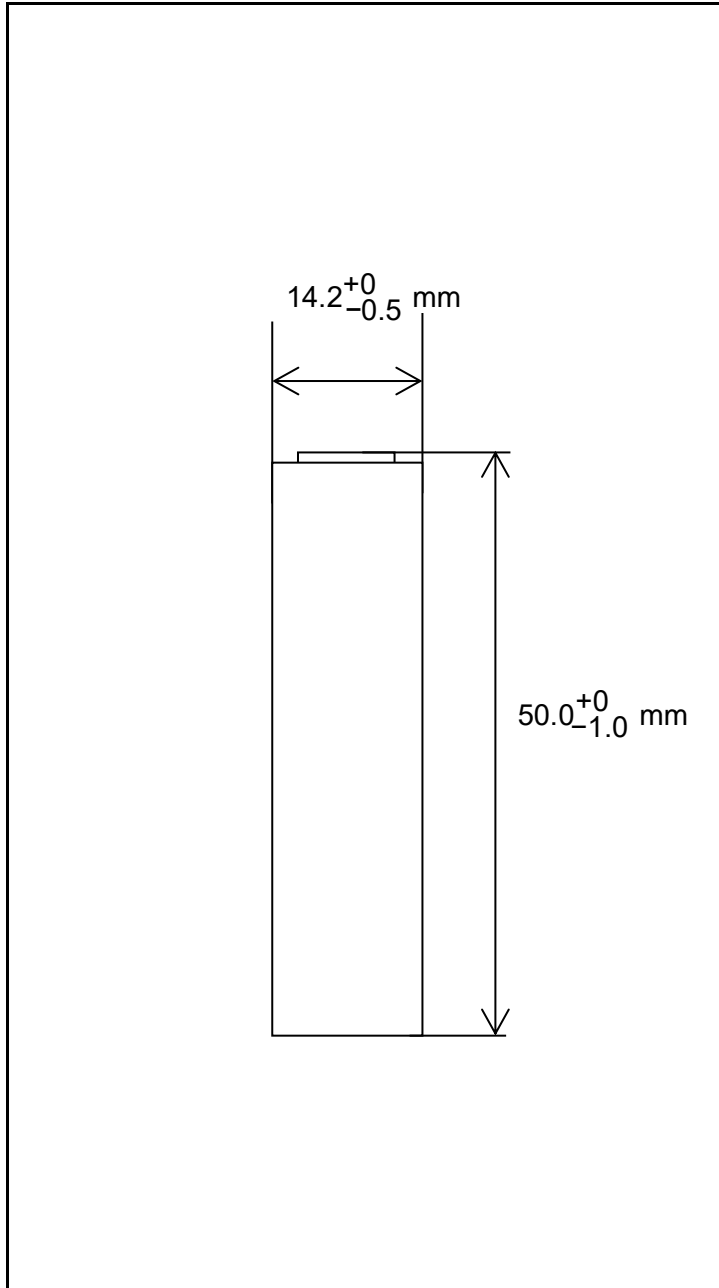


Data sheet

Dimensions



Dimensions (including tube)	Diameter	14.2 +0 / -0.5 mm
	Height	50.0 +0 / -1.0 mm
Approx. Weight (including tube)		27 g
Approx. Internal Impedance at 1kHz 20 °C 6)		15 mΩ

6) After 3 cycles of charge and discharge under the conditions of 1), followed by the measurement 1~4 hours later.

Capacity

Nominal 1)	1100 mAh
Minimum 1)	1000 mAh

1) Single cell capacity under the following condition.
Charge : 100 mA x 16 hours, Discharge : 200 mA (E.V.=1.00 V) at 20 °C

General Specifications

Nominal Voltage		1.2 V	
End Voltage		1.00 V	
Charging Current x Time		Normal Charge	100 mA x 16 hours
		Fast Charge 2)	1100 mA x about 1.1 hours
Ambient Temp.	Charge Condition 3)	Normal Charge	0 °C ~ +50 °C
		Fast Charge 2)	0 °C ~ +40 °C
	Discharge Condition 3)	Recommended	0 °C ~ +50 °C
		Possible 4)	-40 °C ~ +85 °C
Relative Humidity 5)		45 % ~ 85 %	

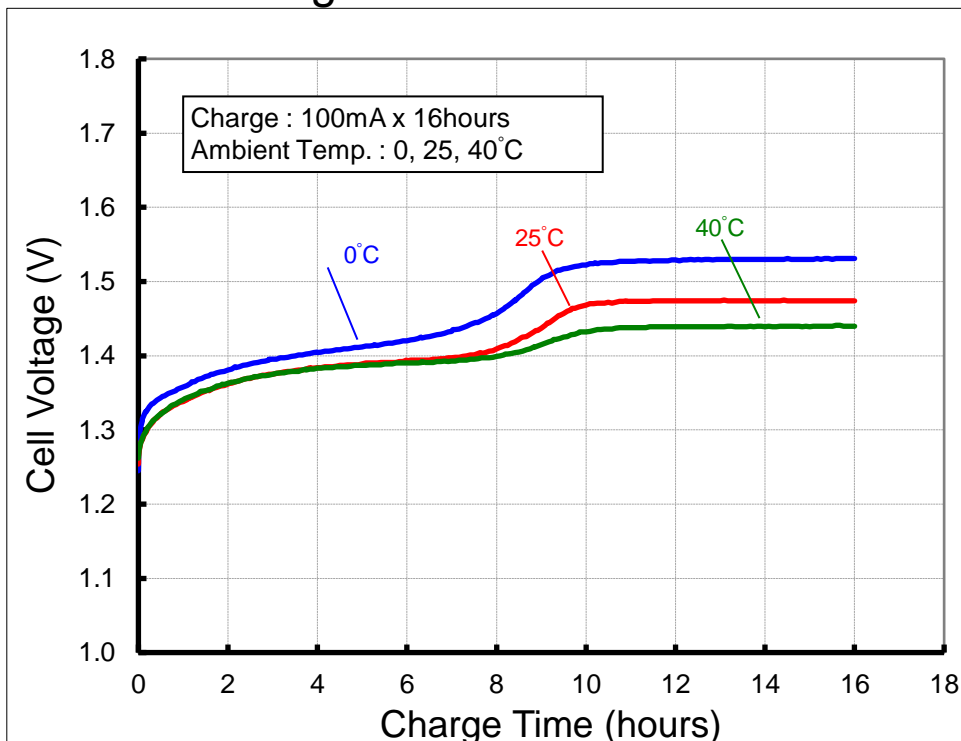
- 2) Use recommended charging system.
- 3) Charge or discharge on outside the recommended temperature range may generate the battery degradation.
- 4) Only low rate discharge at low temperature.
- 5) No water condensation.

Storage Conditions

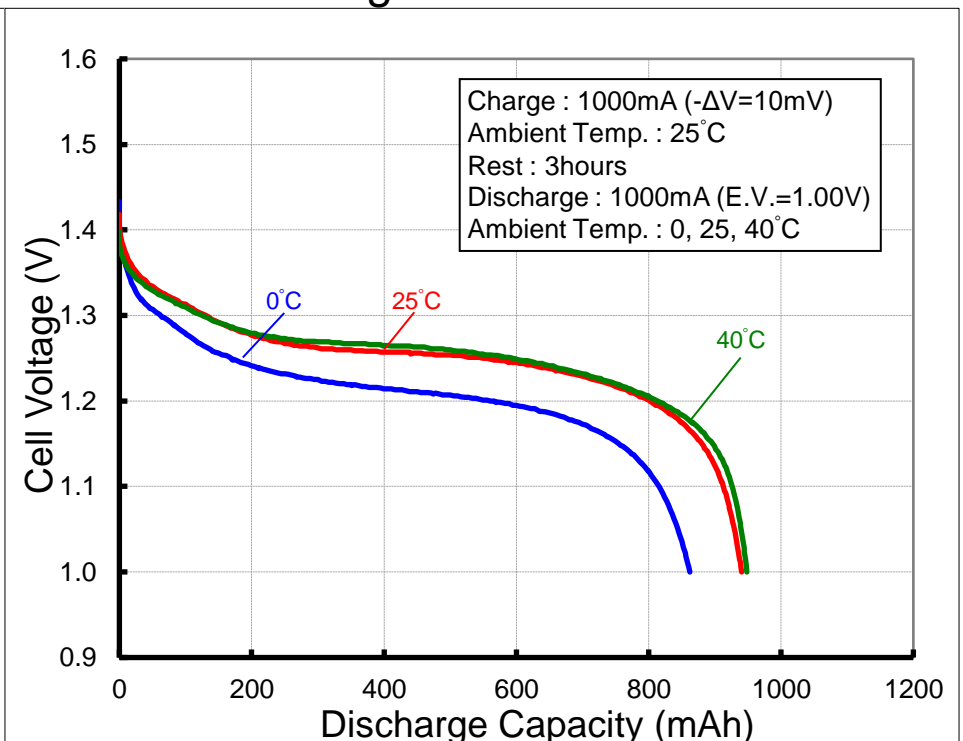
Ambient Temp.	Less than 30 days	-40 °C ~ +50 °C
	Less than 90 days	-40 °C ~ +40 °C
	Less than 1 year	-40 °C ~ +30 °C
Relative Humidity 7)		45 % ~ 85 %

7) No water condensation.

Nominal Charge Characteristics



Nominal Discharge Characteristics



- Single cell performance and lifespan are greatly affected by usage and temperature conditions.
- Test results vary depending on individual cells.
- Each values included in this material are intended to describe performance. They are not guaranteed.